

What is claimed is:

1. A device for capturing radiation, the device comprising:
 - a first chamber having a first axis and being configured to receive a beam of radiation, the first chamber being further configured to absorb the beam of radiation; and
 - a second chamber having a second axis that is not collinear with the first axis, the second chamber being configured to receive at least a portion of the beam of radiation, the second chamber being further configured to further absorb at least the portion of the beam of radiation, such that substantially all of the radiation is absorbed.
2. The device of Claim 1, wherein the second chamber terminates at a vertex.
3. The device of Claim 1, wherein the first chamber has a first end that defines an opening configured to admit the beam of radiation.
4. The device of Claim 3, wherein the first chamber further defines first and second faces.
5. The device of Claim 4, wherein the second chamber further defines third and fourth faces.
6. The device of Claim 5, wherein the first, second, third, and fourth faces are coated with Ebonol C.
- 20 7. The device of Claim 5, wherein the first, second, third, and fourth faces are coated with one of tungsten, tungsten carbide, and silicon carbide.

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8. The device of Claim 4, wherein the first and second faces define a first angle therebetween, and the third and fourth faces define a second angle.

9. The device of Claim 8, wherein the first angle is around 28° and the second angle is around 15°.

5 10. The device of Claim 8, wherein the first angle is around 32° and the second angle is around 15°.

11. The device of Claim 1, wherein the first and second chambers are surrounded by a copper body.

12. The device of Claim 1, wherein the beam of radiation includes a laser beam.

10 13. A device for capturing radiation, the device comprising:

a first chamber having a first end that defines an opening configured to admit a beam of radiation, the first chamber narrowing toward a second end along a first axis: and

a second chamber having a first end that defines an opening configured to receive at least a portion of the beam of radiation from the first chamber, the second chamber narrowing toward a vertex at a second end along a second axis that is not collinear with the first axis.

15 14. The device of Claim 13, wherein the first chamber defines first and second faces.

15. The device of Claim 14, wherein the second chamber defines a third face and at 20 least a fourth face.

16. The device of claim 15, wherein the first, second, third, and at least fourth faces are coated with Ebonol C.

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17. The device of Claim 15, wherein the first, second, third, and at least fourth faces are coated with one of tungsten, tungsten carbide, and silicon carbide.

18. The device of Claim 14, wherein the first and second faces define a first angle therebetween, and the third and fourth faces define a second angle therebetween.

5 19. The device of Claim 19, wherein the first angle is around 28° and the second angle is around 15°.

20. The device of Claim 19, wherein the first angle is around 32° and the second angle is around 15°.

10 21. The device of Claim 13, wherein the first and second chambers are surrounded by a copper body.

22. The device of Claim 13, wherein the beam of radiation includes a laser beam.

23. A device for capturing radiation, the device comprising:

a first chamber having a first end that defines a first opening configured to admit a beam of radiation, the first chamber defining first and second faces that define a first angle therebetween along a first axis; and

15 a second chamber having a first end that defines a second opening configured to receive at least a portion of the beam of radiation from the first chamber, the second chamber defining a third face and at least a fourth face that define a second angle therebetween along a second axis that is not collinear with the first axis, the third and at least fourth faces terminating at a vertex.

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24. The device of Claim 23, wherein the first, second, third, and at least fourth faces are coated with Ebonol C.

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25. The device of Claim 23, wherein the first, second, third, and at least fourth faces are coated with one of tungsten, tungsten carbide, and silicon carbide.

26. The device of Claim 23, wherein the first angle is around 28° and the second angle is around 15°.

5 27. The device of Claim 23, wherein the first angle is around 32° degrees and the second angle is around 15°.

28. The device of Claim 23, wherein the first and second chambers are surrounded by a copper body.

29. The device of Claim 23, wherein the beam of radiation includes a laser beam.

10 30. The device of Claim 23, wherein the second chamber further defines a fifth face intermediate the first face and the third face.

31. A method of capturing radiation, the method comprising:

receiving a beam of radiation in a first chamber having a first axis;

absorbing a portion of the beam of radiation in the first chamber;

15 receiving at least a portion of the beam of radiation in a second chamber having an axis that is not collinear with the first axis; and

absorbing at least the portion of the beam of radiation in the second chamber, such that substantially all of the beam of radiation is absorbed.

32. The method of Claim 31, wherein attenuating the beam of radiation in the first 20 chamber includes bouncing the beam of radiation off first and second faces that define a first angle therebetween.

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33. The method of Claim 32, wherein attenuating at least the portion of the beam of radiation in the second chamber includes bouncing at least the portion of the beam of radiation off a third face and at least a fourth face that define a second angle therebetween.

34. The method of Claim 33, further comprising coating the first, second, third, and at least fourth faces with Ebonol C.

35. The method of Claim 33, further comprising coating the first, second, third, and at least fourth faces with one of tungsten, tungsten carbide, and silicon carbide.

36. The method of Claim 31, wherein the first and second chambers are surrounded by a copper body.

10 37. The method of Claim 31, wherein the beam of radiation includes a laser beam.

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